(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



10/53138**3** 5313**83**

(43) International Publication Date 29 April 2004 (29.04.2004)

PCT

(10) International Publication Number WO 2004/036944 A1

(51) International Patent Classification7: H04Q 7/34, 7/38

(21) International Application Number:

PCT/KR2003/001858

(22) International Filing Date:

9 September 2003 (09.09.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 10-2002-0063733 18 October 2002 (18.10.2002) KI

(71) Applicant (for all designated States except US): SK TELECOM CO., LTD [KR/KR]; 99, Seorin-Dong, Jongro-Ku, Seoul 110-110 (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): NO, Yeong Tae

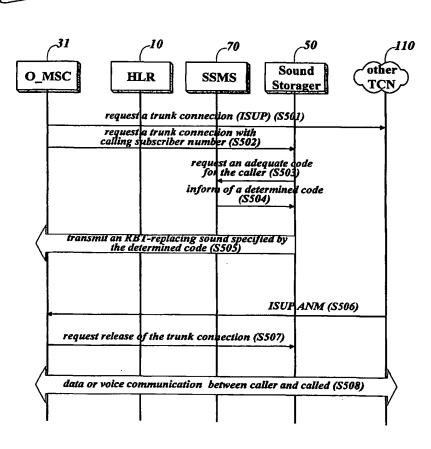
[KR/KR]; 201, Choongang Apt., 1684-9, Shinrim 12-dong, Gwanak-gu, Seoul 151-796 (KR). YANG, Ok Ryul [KR/KR]; 116-606, Hansin Apt., Dobong 2-dong, Dobong-gu, Seoul 132-012 (KR). AHN, Tae Ho [KR/KR]; 906-201, Mokdong Apt., 313, Shinjung-dong, Yangcheon-gu, Seoul 158-070 (KR). CHOI, Jin Yong [KR/KR]; 803/404, Byulbit Maeul, 952, Hwajung-dong, Dukyang-gu, Goyang-si, Kyuggi-do 412-270 (KR).

(74) Agent: PARK, Lae Bong; 1Fl., Dongun Bldg., 413-4 Dogok 2-dong, Kangnam-gu, Seoul 135-272 (KR).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

[Continued on next page]

(54) Title METHOD FOR PROVIDING A CALLER-BASED RINGBACK TONE SOUND IN CASE OF A NON-SUBSCRIBED CALLED



(57) Abstract: The present invention relates to a method for providing an arbitrary sound chosen by a subscriber instead of a conventional RBT, more particularly, to a method for providing a caller with an arbitrary sound chosen by the caller instead of an RBT in case that a called is not a subscriber of a called-based RBT replacement service. The present method comprises: a first step, conducted by an exchanger when a call is received from a terminal, of requesting a first trunk connection to other telephone communication network while requesting a second trunk connection to a sound providing means if it is confirmed that the calling terminal has subscribed to RBT replacement service and the called terminal is a subscriber of said other telephone communication network; and a second step, conducted by the sound providing means, of providing the calling terminal with an RBT-replacing sound set for the calling terminal through the exchanger.

WO 2004/036944 A1